

DIVISION: 1
COUNTY: MARQUETTE

MARQUETTE CITY
STATION #5178
PERIOD ANALYSIS FOR 1981-2010 (30 YEARS)
AVERAGE MAXIMUM TEMPERATURE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	24.0	28.4	38.2	52.5	61.9	72.1	76.6	76.2	64.9	49.6	44.6	26.1	51.3
1982	12.2	24.3	33.5	46.2	68.5	66.5	77.5	71.7	62.5	54.9	35.5	29.5	48.6
1983	25.3	30.6	36.9	45.5	58.7	72.9	82.0	79.5	67.5	54.4	38.1	14.9	50.5
1984	19.2	34.9	31.5	55.1	60.3	74.4	76.7	78.0	62.9	56.8	38.3	26.2	51.2
1985	18.3	21.3	40.7	53.2	66.6	69.7	76.2	71.8	66.0	54.9	32.8	15.5	48.9
1986	22.7	23.4	39.2	55.8	67.4	72.2	77.6	71.9	64.5	52.7	33.4	28.0	50.7
1987	25.4	35.0	42.9	60.0	67.4	78.3	79.6	75.5	68.2	46.3	40.9	29.6	54.1
1988	17.4	19.4	33.4	51.0	71.6	77.1	81.0	76.0	65.3	47.6	40.3	24.9	50.4
1989	26.3	17.1	29.6	46.7	63.7	68.8	78.2	75.2	66.6	55.8	31.1	13.7	47.7
1990	29.7	26.6	38.7	52.7	59.1	71.5	75.2	74.4	64.9	51.4	41.2	23.8	50.8
1991	15.9	28.8	37.4	54.1	67.0	75.5	73.8	76.7	61.4	50.2	30.5	25.2	49.7
1992	23.3	28.0	33.7	43.5	66.0	67.9	68.4	69.7	63.6	51.3	33.0	24.5	47.7
1993	20.8	23.8	37.2	44.3	59.8	66.9	74.0	75.1	58.7	49.0	32.1	24.3	47.2
1994	9.5	17.1	36.0	47.7	63.8	73.9	73.3	70.8	67.6	55.4	40.7	31.4	48.9
1995	21.4	21.6	36.5	41.8	60.7	76.9	75.7	77.8	64.3	51.8	26.4	20.2	47.9
1996	17.1	20.9	27.1	42.0	58.4	72.3	70.5	75.6	64.1	53.9	29.4	21.9	46.1
1997	16.3	26.4	32.5	46.8	54.5	75.4	74.3	70.1	66.3	53.6	32.8	30.8	48.3
1998	22.6	37.9	34.4	54.7	71.1	71.2	78.1	77.7	71.7	56.8	41.2	30.8	54.0
1999	17.0	31.5	37.3	52.9	66.7	71.2	78.7	73.6	66.6	51.6	45.7	28.1	51.7
2000	21.5	32.1	44.0	48.1	64.5	67.9	74.4	75.4	66.1	59.3	37.2	14.7	50.4
2001	27.2	19.6	34.2	50.7	65.4	73.1	77.1	78.0	64.5	52.9	49.4	30.6	51.9
2002	27.5	30.7	26.9	46.7	57.1	72.7	81.2	74.9	69.1	45.1	34.4	27.3	49.5
2003	16.9	18.4	33.4	47.0	63.1	71.2	76.4	77.5	68.2	52.3	35.2	29.2	49.1
2004	13.3	28.0	37.4	49.0	59.1	68.7	74.3	68.5	71.3	54.9	41.2	24.2	49.2
2005	18.0	30.4	34.0	55.9	58.7	76.9	79.0	74.9	71.6	56.7	39.3	23.2	51.5
2006	30.7	22.6	36.8	58.0	62.6	73.6	81.9	76.4	63.8	49.1	41.0	30.7	52.3
2007	23.6	16.6	40.1	49.1	68.0	76.9	78.6	76.7	68.8	58.1	36.0	22.0	51.2
2008	20.5	19.4	31.7	47.1	59.0	70.9	76.7	75.9	68.1	52.5	36.6	19.5	48.2
2009	14.0	25.6	35.3	48.0	62.5	70.3	70.0	72.4	72.0	45.6	45.3	21.6	48.5
2010	21.6	25.6	47.2	58.3	67.4	70.6	78.1	78.0	61.6	57.5	39.2	22.5	52.3
NON-ZERO	0	0	0	0	0	0	0	0	0	0	0	0	0
ZEROES	0	0	0	0	0	0	0	0	0	0	0	0	0
PROB OF ZERO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NOTE: STATISTICS ARE COMPUTED ON THE ALL THE VALUES.

NUMBER YEARS	30	30	30	30	30	30	30	30	30	30	30	30	30
MEAN	20.64	25.53	35.92	50.15	63.35	72.25	76.50	74.86	66.09	52.73	37.43	24.50	49.99
VARIANCE	27.13	33.58	20.56	24.28	18.83	10.30	11.09	7.99	10.52	13.98	28.32	26.62	3.83
STND DEV	5.21	5.80	4.53	4.93	4.34	3.21	3.33	2.83	3.24	3.74	5.32	5.16	1.96
SKEW	-.05	.24	.23	.21	.01	.10	-.50	-.61	.04	-.36	.11	-.59	.21
KURTOSIS	2.44	2.17	3.30	2.12	2.13	2.20	3.05	2.47	2.68	2.39	2.59	2.49	2.51

NOTE: A MISSING OR INCOMPLETE VALUE, INDICATED BY THE FIELD BEING FILLED WITH 9s, IS NOT INCLUDED IN THE ANALYSIS.

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PARAMETER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
NUMBER YEARS	30	30	30	30	30	30	30	30	30	30	30	30	30
MEAN	20.64	25.53	35.92	50.15	63.35	72.25	76.50	74.86	66.09	52.73	37.43	24.50	49.99
VARIANCE	27.13	33.58	20.56	24.28	18.83	10.30	11.09	7.99	10.52	13.98	28.32	26.62	3.83
STND DEV	5.21	5.80	4.53	4.93	4.34	3.21	3.33	2.83	3.24	3.74	5.32	5.16	1.96
SKEW	-.05	.24	.23	.21	.01	.10	-.50	-.61	.04	-.36	.11	-.59	.21
KURTOSIS	2.44	2.17	3.30	2.12	2.13	2.20	3.05	2.47	2.68	2.39	2.59	2.49	2.51

LEVELS

PROBABILITY PERCENTILE VALUES

01	8.5	12.1	25.4	38.7	53.3	64.8	68.8	68.3	58.5	44.0	25.0	12.5	45.4
05	12.1	16.0	28.5	42.0	56.2	67.0	71.0	70.2	60.8	46.6	28.7	16.0	46.8
10	14.0	18.1	30.1	43.8	57.8	68.1	72.2	71.2	61.9	47.9	30.6	17.9	47.5
20	16.3	20.7	32.1	46.0	59.7	69.5	73.7	72.5	63.4	49.6	32.9	20.2	48.3
25	17.1	21.6	32.9	46.8	60.4	70.1	74.3	73.0	63.9	50.2	33.8	21.0	48.7
30	17.9	22.5	33.5	47.6	61.1	70.6	74.8	73.4	64.4	50.8	34.6	21.8	49.0
40	19.3	24.1	34.8	48.9	62.3	71.4	75.7	74.1	65.3	51.8	36.1	23.2	49.5
50	20.6	25.5	35.9	50.1	63.4	72.3	76.5	74.9	66.1	52.7	37.4	24.5	50.0
60	22.0	27.0	37.1	51.4	64.5	73.1	77.3	75.6	66.9	53.7	38.8	25.8	50.5
70	23.4	28.6	38.3	52.7	65.6	73.9	78.2	76.3	67.8	54.7	40.2	27.2	51.0
75	24.2	29.4	39.0	53.5	66.3	74.4	78.7	76.8	68.3	55.3	41.0	28.0	51.3
80	25.0	30.4	39.7	54.3	67.0	75.0	79.3	77.2	68.8	55.9	41.9	28.8	51.6
90	27.3	33.0	41.7	56.5	68.9	76.4	80.8	78.5	70.2	57.5	44.2	31.1	52.5
95	29.2	35.1	43.4	58.3	70.5	77.5	82.0	79.5	71.4	58.9	46.2	33.0	53.2
99	32.8	39.0	46.5	61.6	73.4	79.7	84.3	81.4	73.6	61.4	49.8	36.5	54.5